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(71)Applicant : MATSUSHITA ELECTRIC IND CO
LTD

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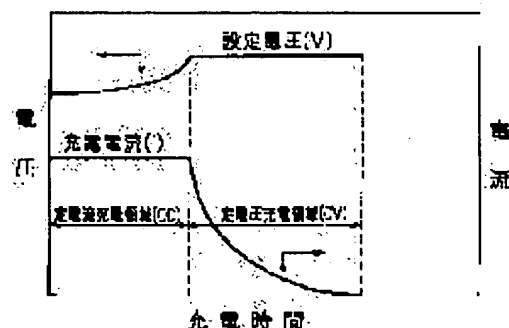
(72)Inventor : INOUE KAORU
KOSHINA HIDE
SHIMAMURA HARUNARI
NITTA YOSHIKI

(54) CHARGING METHOD FOR NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

(57)Abstract:

PROBLEM TO BE SOLVED: To improve a charging/discharging cycle life characteristics of a battery, using silicon and zinc for a negative electrode.

SOLUTION: In charging a secondary battery provided with a composite particle, in which the whole or a part of the circumference of a nuclear particle consisting of a solid phase A using silicon or zinc is covered by a solid phase B, in a negative electrode, a constant current charging area, in which charging is carried out at a fixed current value I until a set voltage E is attained, and a constant voltage charging area, in which charging is carried out at the set voltage E after the set voltage E is attained, are combined together for charging, and a charging current value in the constant current charging area and the constant voltage charging area is regulated to 5 mA/cm² or less in the form of



current density for a part, in which the positive and negative electrodes are opposed to each other.

LEGAL STATUS

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